09/619,547

ABSTRACT

~~To provide a~~ A stator winding which copes with high output and miniaturization, ~~then with a stator winding,~~ turns formed by winding a wire sheaf of a plurality of fine wires bundled together, in an ~~approximate~~ approximately rhombic shape, wherein the turns are arranged so as to be sequentially shifted in the direction of one diagonal of the rhombic shape, to thereby form an ~~approximate~~ approximately rhombic shape coil segment comprising a continuous length of the wire sheaf. A plurality of coil segments are then sequentially shifted and overlapped on one diagonal to form a band ~~shape~~ shaped body, and a hollow cylindrical body is then formed by rolling the band ~~shape~~ shaped body into a circular shape. The winding is characterized in that with each turn, opposite end portions located in the direction of an other diagonal orthogonal to the direction of the one diagonal have U-shape bent back portions.